



Solve each problem.

Answers

1) Which table of values can be defined by the function: $y = x - 4$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-15</td></tr><tr><td>-1</td><td>-7</td></tr><tr><td>0</td><td>-3</td></tr><tr><td>2</td><td>5</td></tr></table>	x	y	-3	-15	-1	-7	0	-3	2	5	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-8</td></tr><tr><td>-2</td><td>-6</td></tr><tr><td>-1</td><td>-5</td></tr><tr><td>0</td><td>-4</td></tr></table>	x	y	-4	-8	-2	-6	-1	-5	0	-4	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-12</td></tr><tr><td>-2</td><td>-8</td></tr><tr><td>-1</td><td>-4</td></tr><tr><td>3</td><td>12</td></tr></table>	x	y	-3	-12	-2	-8	-1	-4	3	12	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-13</td></tr><tr><td>-2</td><td>-5</td></tr><tr><td>-1</td><td>-1</td></tr><tr><td>0</td><td>3</td></tr></table>	x	y	-4	-13	-2	-5	-1	-1	0	3
x	y																																														
-3	-15																																														
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1. _____

2) Which table of values can be defined by the function: $y = 8x \times 2$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-12</td></tr><tr><td>-2</td><td>-10</td></tr><tr><td>0</td><td>-8</td></tr><tr><td>2</td><td>-6</td></tr></table>	x	y	-4	-12	-2	-10	0	-8	2	-6	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-32</td></tr><tr><td>2</td><td>32</td></tr><tr><td>3</td><td>48</td></tr><tr><td>4</td><td>64</td></tr></table>	x	y	-2	-32	2	32	3	48	4	64	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-6</td></tr><tr><td>1</td><td>10</td></tr><tr><td>3</td><td>26</td></tr><tr><td>4</td><td>34</td></tr></table>	x	y	-1	-6	1	10	3	26	4	34	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>-1</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr></table>	x	y	-1	-1	1	1	2	2	3	3
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x	y																																														
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2. _____

3. _____

4. _____

5. _____

3) Which table of values can be defined by the function: $y = x + 7$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>4</td></tr><tr><td>1</td><td>8</td></tr><tr><td>2</td><td>9</td></tr><tr><td>4</td><td>11</td></tr></table>	x	y	-3	4	1	8	2	9	4	11	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>0</td><td>8</td></tr><tr><td>1</td><td>15</td></tr><tr><td>2</td><td>22</td></tr><tr><td>3</td><td>29</td></tr></table>	x	y	0	8	1	15	2	22	3	29	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-11</td></tr><tr><td>-1</td><td>-8</td></tr><tr><td>1</td><td>-6</td></tr><tr><td>2</td><td>-5</td></tr></table>	x	y	-4	-11	-1	-8	1	-6	2	-5	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-112</td></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>56</td></tr><tr><td>3</td><td>168</td></tr></table>	x	y	-2	-112	0	0	1	56	3	168
x	y																																														
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4) Which table of values can be defined by the function: $y = x \times (-8)$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>24</td></tr><tr><td>-1</td><td>8</td></tr><tr><td>1</td><td>-8</td></tr><tr><td>2</td><td>-16</td></tr></table>	x	y	-3	24	-1	8	1	-8	2	-16	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-4</td><td>-23</td></tr><tr><td>-1</td><td>1</td></tr><tr><td>0</td><td>9</td></tr><tr><td>1</td><td>17</td></tr></table>	x	y	-4	-23	-1	1	0	9	1	17	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>0</td><td>0</td></tr><tr><td>1</td><td>1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>3</td><td>3</td></tr></table>	x	y	0	0	1	1	2	2	3	3	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>6</td></tr><tr><td>-1</td><td>7</td></tr><tr><td>2</td><td>10</td></tr><tr><td>4</td><td>12</td></tr></table>	x	y	-2	6	-1	7	2	10	4	12
x	y																																														
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5) Which table of values can be defined by the function: $y = 9x \div 9$

A.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-1</td><td>1</td></tr><tr><td>0</td><td>9</td></tr><tr><td>2</td><td>25</td></tr><tr><td>4</td><td>41</td></tr></table>	x	y	-1	1	0	9	2	25	4	41	B.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-2</td><td>-2</td></tr><tr><td>-1</td><td>-1</td></tr><tr><td>2</td><td>2</td></tr><tr><td>4</td><td>4</td></tr></table>	x	y	-2	-2	-1	-1	2	2	4	4	C.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>-3</td><td>-11</td></tr><tr><td>-2</td><td>-10</td></tr><tr><td>1</td><td>-7</td></tr><tr><td>4</td><td>-4</td></tr></table>	x	y	-3	-11	-2	-10	1	-7	4	-4	D.	<table border="1"><tr><th>x</th><th>y</th></tr><tr><td>1</td><td>9</td></tr><tr><td>2</td><td>10</td></tr><tr><td>3</td><td>11</td></tr><tr><td>4</td><td>12</td></tr></table>	x	y	1	9	2	10	3	11	4	12
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Solve each problem.

1) Which table of values can be defined by the function: $y = x - 4$

A.

x	y
-3	-15
-1	-7
0	-3
2	5

B.

x	y
-4	-8
-2	-6
-1	-5
0	-4

C.

x	y
-3	-12
-2	-8
-1	-4
3	12

D.

x	y
-4	-13
-2	-5
-1	-1
0	3

2) Which table of values can be defined by the function: $y = 8x \times 2$

A.

x	y
-4	-12
-2	-10
0	-8
2	-6

B.

x	y
-2	-32
2	32
3	48
4	64

C.

x	y
-1	-6
1	10
3	26
4	34

D.

x	y
-1	-1
1	1
2	2
3	3

3) Which table of values can be defined by the function: $y = x + 7$

A.

x	y
-3	4
1	8
2	9
4	11

B.

x	y
0	8
1	15
2	22
3	29

C.

x	y
-4	-11
-1	-8
1	-6
2	-5

D.

x	y
-2	-112
0	0
1	56
3	168

4) Which table of values can be defined by the function: $y = x \times (-8)$

A.

x	y
-3	24
-1	8
1	-8
2	-16

B.

x	y
-4	-23
-1	1
0	9
1	17

C.

x	y
0	0
1	1
2	2
3	3

D.

x	y
-2	6
-1	7
2	10
4	12

5) Which table of values can be defined by the function: $y = 9x \div 9$

A.

x	y
-1	1
0	9
2	25
4	41

B.

x	y
-2	-2
-1	-1
2	2
4	4

C.

x	y
-3	-11
-2	-10
1	-7
4	-4

D.

x	y
1	9
2	10
3	11
4	12

Answers

1. **B**

2. **B**

3. **A**

4. **A**

5. **B**